

ABSTRACT OF THE INVENTION

A system and method for providing a firewall system that prevents a computer from being accessed by an unauthorized user via a computer network. The system includes a switch assembly that connects and disconnects the computer from a computer network. The switch assembly is controlled by the types of data transmissions generated by the computer. If the computer generates a data transmission addressed to the computer network, the switch assembly automatically interconnects the computer to the computer network. If the data transmission generated by the computer includes a data request from some point on the computer network, the interconnection with the computer network is held open until the requested data is received. Once the requested data is received, the switch assembly disconnects the computer from the computer network.